

**Programming Languages Chapter 13 Discovering Computers**

1. What is a third generation programming language?

A type of programming language in which a programmer writes instructions that tell the computer what to accomplish and how to do it using a series of English-like words to write instructions.

2. Give three examples of third generation languages?

ADD (Addition), PRINT (Print), and \* (Multiplication)

3. What generation language is assembly?

Second generation

4. What is object oriented programming?

Object oriented programming (OOP) is a development tool used to implement an object-oriented design

5. Define three object oriented programming languages:

Rapid Application Development (RAD) is a method of developing software, in which a programmer writes and implements a program in segments instead of waiting until the entire program is completed.

Java is an object-oriented programming language developed by Sun Microsystems.

C++ is an object-oriented programming language that is an extension of the C programming language.

What is Beta Testing? Would you participate in beta testing software on your pc? Why or why not? Are Software manufacturers being honest about their intentions in their beta testing? If not, in what way? Is it reasonable for software manufacturers to beta test their software for the general public? If so, for how long?

Beta testing is when you test something that is not fully finished. I have participated in beta testing software but had I known what it meant, I wouldn't have participated in it. I think software manufacturers could be being honest about their intentions in their beta testing but once people encounter problems in the software, they feel like the final product would have the same problems. I think it is reasonable but if they're going to test their software and let people test it, they should only have the beta version up for a short period of time.